

position 01 v-niei or water systems development in Kansas. Mr. Metzler Has received many honors for his achievements in environmental engineering and public health. He is a member of the National Academy of Engineering-

CHRISTINE SHOEMAKER obtained her Ph.D. in mathematics from the University of Southern California in 1971, when she joined the Cornell faculty. Currently, she is Professor and Chair of the Department of Environmental Engineering at Cornell. In 1976 to 1977 she was a Visiting Assistant Systems Ecologist in the Department of Entomological Sciences at the University of California, Berkeley. Dr. Shoemaker has been a panel member for an NRC committee on pest control and is currently a member of the Environmental Studies Board's Scientific Council on Problems of the Environment. She is also a member of the FAO Expert Panel on Pest Management. Dr. Shoemaker was Co-Project Director of the alfalfa project in the Consortium for Integrated Pest Management (CIPMi, an interdisciplinary, nationwide program sponsored by USDA and EPA. Her research involves the application of optimization, statistical, and mathematical analysis to environmental problems. She has published research articles on applications of mathematical modeling to integrated pest management, water supply and wastewater networks, and effects of acid precipitation.

DAVID A. STEPHENSON received his Ph.D. in hydrogeology in 1965 from the University of Illinois. His B.A. and M.S. degrees are in geology from Augustana College and Washington State University, respectively. He was a Professor of Hydrogeology and Director of the graduate degree program in Water Resources Management at the University of Wisconsin-Madison from 1965 to 1979. He also was Chief of the Water Resources Section of the Wisconsin Geological and Natural History Survey. He conducted research on ground water quality and on ground water flow systems, with particular emphasis on ground water/lake relationships. He also led initial efforts to develop a state ground water protection program by organizing legislative, Wisconsin Department of Natural Resources, university, and agency communication and planning activities. Dr. Stephenson was formerly Director of The Water Resources Group of Woodward-Clyde Consultants Western Region office and is now an Associate with Dames and Moore Consultants in Phoenix.